

**TEST REPORT ON COARSE AGGREGATES**

Date: :29-12-2022

Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92

*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043

Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no: 06 Bytarayanapura Sub Division.

Letter Reference BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022

PMC Name : Shiprama Consulting Engineers

Technical Reference : IS 2386 (Part-1)- 1963 RA 2016

Material description : 20mm Coarse Aggregates

Date of Receipt of Sample :29-12-2022

Date of testing :29-12-2022

TEST RESULTS

Total Wt. of Aggregates in gms

5000

Sieve Size in mm	Weight retained (gms)	Cumulative weight retained (gms)	Percentage Cumulative weight retained (%)	Percentage Passing (%)	Requirements as per IS 383:2021
40	0	0	0	100	100
20	225	225	4.50	95.50	95-100
10	2731	2956	59.12	40.88	25-55
4.75	1812	4768	95.36	4.64	0-10

Remarks : The above tested Sample Confirms as per IS Specifications.**Notes:-**

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ಬೆಂಗಳೂರು-560091
29.12.2022

TEST REPORT ON COARSE AGGREGATES

Date.	:29-12-2022
Client Name	: Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name	: M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name	: Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no: 06 Bytarayanapura Sub Division.
Letter Reference	BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name	: Shiprama Consulting Engineers
Technical Reference	: IS 2386 (Part-1)- 1963 RA 2016
Material description	: 40mm Coarse Aggregates
Date of Receipt of Sample	:29-12-2022
Date of testing	:29-12-2022

TEST RESULTS

Total Wt. of Aggregates in gms	15000
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Sieve Size in mm	Weight retained (gms)	Cumulative weight retained (gms)	Percentage Cumulative weight retained (%)	Percentage Passing (%)	Requirements as per IS 383:2021
80	0	0	0	100	100
40	523	523	3.49	96.51	95-100
20	8260	8783	58.55	41.45	30-70
10	3355	12138	80.92	19.08	10-35
4.75	2580	14718	98.12	1.88	0-5

Remarks : The above tested Sample Confirms as per IS Specifications.

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148, 8th Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonenahalli
Bengaluru-560091.Mob:9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

**TEST REPORT ON CEMENT**

Date. :29-12-2022
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Shankara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Ber 560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, (Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara Shiridi Sai Nagara in Ward no: 06 Bytarayanapura Sub Division.
Letter Reference BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS-4031 (Part -1, 3, 4, 5 & 6) 1988 (RA-2014)
Material description : Birla Super OPC 53 grade Cement
Date of Receipt of Sample :29-12-2022
Date of testing :29-12-2022

TEST RESULTS

Sl.No	Physical Parameters	Test Results	Requirements as per IS: 269-2020
1	Consistency	30.00%	-
2	Initial Setting Time	140 minutes	Not Less than 30 Minutes
3	Final Setting Time	320 minutes	Not More than 600 Minutes
4	Soundness by Le - Chatelier's Method	1 mm	Not more than 10mm
5	Fineness by Dry Sieving Method	5.20%	Not more than 10%

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ಬೆಂಗಳೂರು-92
ದಿನಾಂಕ: 29-12-2022

**TEST REPORT ON FINE AGGREGATES**

Date. :29-12-2022

Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92

***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043

Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no: 06 Bytarayanapura Sub Division.

Letter Reference BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022

PMC Name : Shiprama Consulting Engineers

Technical Reference : IS 2386 (Part-1)- 1963 RA 2016

Material description : Sand

Date of Receipt of Sample :29-12-2022

Date of testing :29-12-2022

TEST RESULTS

Total Wt. of Aggregates in gms

1500

Sieve Size in mm	Weight retained (gms)	Cumulative weight retained (gms)	Percentage Cumulative weight retained (%)	Percentage Passing (%)	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	112	112	7.47	92.53	90-100
2.36	180	292	19.47	80.53	75-100
1.18	350	642	42.80	57.20	55-90
600 Micron	275	917	61.13	38.87	35-59
300 Micron	291	1208	80.53	19.47	8-30
150 Micron	166	1374	91.60	8.40	0-10

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Block Extension ,Gangubai Hangal Road, Sir M. Vishveshwaraiah Layout, Near Gidadakonahalli
Bengaluru-560091.Mob:9886212878 Ph.: 080 29554444 | Email: shiprama888@gmail.com |

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ಬೆಂಗಳೂರು-560091
ಬೆಂಗಳೂರು-24

**TEST REPORT ON STEEL**

Date. :20-1-2023

Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92

Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, 560043

Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampig Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai N Ward no: 06 Bytarayanapura Sub Division.

Letter Reference BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022

PMC Name : Shiprama Consulting Engineers

Technical Reference : IS- 1786 :2008 IS 1608:2005, IS 1599:1985 (RA-2018)

Material description : Steel (8mm, 10mm, dia TMT Bars "Fe 500") For Drain

Date of Receipt of Sample :20-1-2023

Date of testing :20-1-2023

TEST RESULTS

Sl.No	Nominal size (dia in mm)	Mass per metre (kg/metre)	TENSILE STRENGTH		
			0.20 % proof stress/ yield stress (N/mm ²)	Tensile strength (N/mm ²)	Elongation, percent on gauge length
1	8	0.408	510	559	15
2	10	0.620	529	573	16

Remarks : The above tested Sample Confirms as per IS Specifications.

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ಬೆಂಗಳೂರು-560091
20.01.2023, ಪುಟ-24

**TEST REPORT ON STEEL**

Date. :20-1-2023

Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92

Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, 560043

Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampig Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai N Ward no: 06 Bytarayanapura Sub Division.

Letter Reference BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022

PMC Name : Shiprama Consulting Engineers

Technical Reference : IS- 1786 :2008 IS 1608:2005, IS 1599:1985 (RA-2018)

Material description : Steel (12mm, dia TMT Bars "Fe 500") For Culverts

Date of Receipt of Sample :20-1-2023

Date of testing :20-1-2023

TEST RESULTS

Sl.No	Nominal size (dia in mm)	Mass per metre (kg/metre)	TENSILE STRENGTH		
			0.20 % proof stress/ yield stress (N/mm ²)	Tensile strength (N/mm ²)	Elongation, percent on gauge length
1	12	0.898	554	627	17

Remarks : The above tested Sample Confirms as per IS Specifications.

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ಪ್ರಾಪ್ತವಾದುದು ಉಪ ವಿಭಾಗ
ಪ್ರ.ಬಿ.ಸು.ಸ., ಬೆಂಗಳೂರು-24



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(MECHANICAL TESTING LABORATORY DIVISION)

ISO 9001:2015 Certified Company

TEST REPORT ON PRECAST SLAB

Date. : 11-2-2023

Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92

*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043

Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no: 06 Bytarayanapura Sub Division.

Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022

PMC Name : Shiprama Consulting Engineers

Technical Reference : IS 516 - 1959 RA 2018

Material description : Precast Slab 100mm thick

Date of Receipt of Sample : 11-2-2023

Date of testing : 11-2-2023

TEST RESULTS

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	50.00	85.00	0.416	2492.554	1.70	0.960	28.63	14.58	15.02	14.32	17.90
2	50.00	85.00	0.417	2498.545	1.70	0.960	26.88	13.69	14.10	14.90	18.63
3	50.00	75.00	0.395	2682.291	1.50	0.960	27.86	14.19	14.61	13.56	16.95

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(Signature)

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 ಪ್ರಾಧಿಕಾರವುಳ್ಳವರ ಉಪ ನಿರ್ದೇಶಕರು
 ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-24



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(MECHANICAL TESTING LABORATORY DIVISION)

ISO 9001:2015 Certified Company

TEST REPORT ON PRECAST SLAB

Date: :24-2-2023

Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92

*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043

Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no: 06 Bytarayanapura Sub Division.

Letter Reference :BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022

PMC Name : Shiprama Consulting Engineers

Technical Reference : IS 516 - 1959 RA 2018

Material description : Precast Slab 230mm thick (M20)

Date of Receipt of :24-2-2023

Sample

Date of testing :24-2-2023

TEST RESULTS

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	100.00	125.00	2.468	2513.88	1.25	1.230	120.80	15.38	15.84	18.50	23.13
2	100.00	120.50	2.134	2254.85	1.21	1.100	117.74	14.99	15.44	17.89	22.36
3	100.00	125.50	2.397	2431.84	1.26	1.150	119.65	15.23	15.69	19.00	23.75

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TEST REPORT ON CONCRETE CUBES

Date. : 30.1.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M20

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	23.1.2023	30.1.2023	7.890	255.3	11.35
2	23.1.2023	30.1.2023	7.900	265.8	11.81
3	23.1.2023	30.1.2023	7.970	269.7	11.99

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*** End of the Report ***



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**TEST REPORT ON CONCRETE CUBES**

Date. : 30.1.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M20

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	23.1.2023	30.1.2023	8.150	379.5	16.87
2	23.1.2023	30.1.2023	8.200	369.8	16.44
3	23.1.2023	30.1.2023	8.203	380.9	16.93

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ಪ್ರಾಧಿಕಾರವನ್ನು ಉಪ ಬಿಟ್ಟು
ದಿನ ೩೦.೧.೨೩, ಬೆಂಗಳೂರು-೨೩

**TEST REPORT ON CONCRETE CUBES**

Date. : 2.2.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M20

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	26.1.2023	2.2.2023	8.100	277.9	12.35
2	26.1.2023	2.2.2023	8.001	256.8	11.41
3	26.1.2023	2.2.2023	8.010	255.7	11.36

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ಜ್ಯೋತಿರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ., ಬಂಗಲೂರು-24



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(MECHANICAL TESTING LABORATORY DIVISION)

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TEST REPORT ON CONCRETE CUBES

Date. : 2.2.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M20

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	26.1.2023	2.2.2023	8.100	275.8	12.26
2	26.1.2023	2.2.2023	7.956	274.8	12.21
3	26.1.2023	2.2.2023	8.090	269.5	11.98

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ಬೆಂಗಳೂರು-೨೨
ಪಿ.ಒ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-೨೨



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(MECHANICAL TESTING LABORATORY DIVISION)

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TEST REPORT ON CONCRETE CUBES

Date: 7.2.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M20

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	1.2.2023	7.2.2023	8.045	275.8	12.26
2	1.2.2023	7.2.2023	8.035	274.8	12.21
3	1.2.2023	7.2.2023	7.978	269.5	11.98

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ಬೆಂಗಳೂರು-೨೨
ಬಿ.ಬಿ.ಎಂ.ಎ., ಬಂಗಲೂರು-೨೨



TEST REPORT ON CONCRETE CUBES

Date. : 15.2.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M20

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	8.2.2023	15.2.2023	8.000	274.6	12.20
2	8.2.2023	15.2.2023	7.959	280.8	12.48
3	8.2.2023	15.2.2023	8.000	270.7	12.03

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ಬೆಂಗಳೂರು-560091
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬಂಗಾಳು-14



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TEST REPORT ON CONCRETE CUBES

Date. : 20.2.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 28 Days
Grade of Concrete : M20

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	23.1.2023	20.2.2023	8.159	502.5	22.33
2	23.1.2023	20.2.2023	8.196	503.8	22.39
3	23.1.2023	20.2.2023	8.200	504.9	22.44

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ಬೆಂಗಳೂರು-೨೩
ಫಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-೨೩

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**TEST REPORT ON CONCRETE CUBES**

Date. : 23.2.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 28 Days
Grade of Concrete : M20

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	26.1.2023	23.2.2023	8.150	520.5	23.13
2	26.1.2023	23.2.2023	8.200	525.8	23.37
3	26.1.2023	23.2.2023	8.203	530.9	23.60

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ಬೆಂಗಳೂರು-೫೬೦೦೪೩
ಪಿ.ಒ.ಎಂ.ಎ., ಬೆಂಗಳೂರು-೨೩



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

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TEST REPORT ON CONCRETE CUBES

Date: 23.2.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 28 Days
Grade of Concrete : M20

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	26.1.2023	23.2.2023	8.196	520.6	23.14
2	26.1.2023	23.2.2023	8.150	525.8	23.37
3	26.1.2023	23.2.2023	8.250	515.7	22.92

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ಬೆಂಗಳೂರು-560091
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬಂಗಲೂರು-24



TEST REPORT ON CONCRETE CUBES

Date. : 28.2.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 28 Days
Grade of Concrete : M20

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	1.2.2023	28.2.2023	8.198	535.9	23.82
2	1.2.2023	28.2.2023	8.200	535.8	23.81
3	1.2.2023	28.2.2023	8.201	525.7	23.36

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ಪ್ರಾಧಿಕಾರವುಳ್ಳ ಅಧಿಕಾರಿ
ಶಿಪ್ರಾಮಾ ಕನ್ಸಲ್ಟಿಂಗ್ ಎಂಜಿನೀಯರ್ಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-28

**TEST REPORT ON CONCRETE CUBES**

Date. : 28.2.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 28 Days
Grade of Concrete : M20

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	1.2.2023	28.2.2023	8.198	535.9	23.82
2	1.2.2023	28.2.2023	8.200	535.8	23.81
3	1.2.2023	28.2.2023	8.201	525.7	23.36

Notes:-

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ಬೆಂಗಳೂರು-೫೬೦೦೪೩
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬಂಗಲೂರು-೨೩

**TEST REPORT ON CONCRETE CUBES**

Date. : 7.04.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no: 06 Bytarayanapura Sub Division.
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.03.2023	7.04.2023	8.290	519.4	23.08
2	31.03.2023	7.04.2023	8.300	520.5	23.13
3	31.03.2023	7.04.2023	8.345	528.3	23.48

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ಕಾರ್ಯಕರ್ತೃ ಕಾರ್ಯಮಾಲಕ ಅಧಿಕಾರಿ
ಜ್ಯೋತಿರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-24

**TEST REPORT ON CONCRETE CUBES**

Date. : 7.04.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.03.2023	7.04.2023	8.285	503.7	22.39
2	31.03.2023	7.04.2023	8.300	515.6	22.92
3	31.03.2023	7.04.2023	8.322	509.2	22.63

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ಪ್ರಾಥಮಿಕ ಮತ್ತು ಮಧ್ಯಮ ಶಾಲೆಗಳ
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-24

**TEST REPORT ON CONCRETE CUBES**

Date. : 7.04.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.03.2023	7.04.2023	8.315	513.9	22.84
2	31.03.2023	7.04.2023	8.333	517.5	23.00
3	31.03.2023	7.04.2023	8.340	524.7	23.32

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ಹ್ಯಾಬರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-24

**TEST REPORT ON CONCRETE CUBES**

Date. : 7.04.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
Letter Reference
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.03.2023	7.04.2023	8.310	517.2	22.99
2	31.03.2023	7.04.2023	8.333	511.2	22.72
3	31.03.2023	7.04.2023	8.315	500.5	22.24

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ಕರ್ನಾಟಕ ರಾಯ್ಸ್‌ಮಾನ್ ಅಭಿವೃದ್ಧಿ
ಪ್ರಾ.ಪಂ.ಯವನೂರು ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-24



TEST REPORT ON CONCRETE CUBES

Date: : 7.04.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.03.2023	7.04.2023	8.280	503.2	22.36
2	31.03.2023	7.04.2023	8.290	520.6	23.14
3	31.03.2023	7.04.2023	8.350	525.4	23.35

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ಬೆಂಗಳೂರು-560091
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-24

**TEST REPORT ON CONCRETE CUBES**

Date: : 25.3.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no: 06 Bytarayanapura Sub Division.
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.2.2023	25.3.2023	8.385	515.5	22.91
2	18.2.2023	25.3.2023	8.370	518.6	23.05
3	18.2.2023	25.3.2023	8.355	525.3	23.35

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ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಪ್ರಾಚಾರ್ಯನವರು ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಪ್ರಾಚಾರ್ಯನವರು ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎ.ಎ. ಸಹಾಯಕರು



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(MECHANICAL TESTING LABORATORY DIVISION)

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TEST REPORT ON CONCRETE CUBES

Date: 25.3.2023
Client Name: Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name: M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name: Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no: 06 Bytarayanapura Sub Division.
Letter Reference: BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name: Shiprama Consulting Engineers
Technical Reference: IS 516 - 1959 RA 2018
Material description: Cement Concrete
Age of Concrete: 7 Days
Grade of Concrete: M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.2.2023	25.3.2023	8.307	513.8	22.84
2	18.2.2023	25.3.2023	8.328	515.5	22.91
3	18.2.2023	25.3.2023	8.344	512.6	22.78

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ಬೆಂಗಳೂರು-560091
ದಿನಾಂಕ: 25.3.2023



TEST REPORT ON CONCRETE CUBES

Date. : 25.3.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no: 06 Bytarayanapura Sub Division.
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.2.2023	25.3.2023	8.275	512.4	22.77
2	18.2.2023	25.3.2023	8.295	515.5	22.91
3	18.2.2023	25.3.2023	8.300	520.1	23.12

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ಜ್ಞಾನಪ್ರಸಾದ್ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ., ಬೆಂಗಳೂರು-24

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಜ್ಞಾನಪ್ರಸಾದ್ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ., ಬೆಂಗಳೂರು-24

**TEST REPORT ON CONCRETE CUBES**

Date: 25.3.2023

Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92

*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043

Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022

Letter Reference

PMC Name : Shiprama Consulting Engineers

Technical Reference : IS 516 - 1959 RA 2018

Material description : Cement Concrete

Age of Concrete : 7 Days

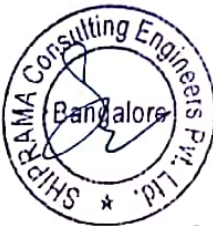
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.2.2023	25.3.2023	8.300	510.4	22.68
2	18.2.2023	25.3.2023	8.305	512.6	22.78
3	18.2.2023	25.3.2023	8.333	519.2	23.08

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ಶಿಪ್ರಾಮಾ ಕನ್ಸಲ್ಟಿಂಗ್ ಇಂಜಿನಿಯರ್ಸ್ ಪ್ರೈವೇಟ್ ಲಿಮಿಟೆಡ್
ಬೆಂಗಳೂರು-92



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(MECHANICAL TESTING LABORATORY DIVISION)

ISO 9001:2015 Certified Company

TEST REPORT ON CONCRETE CUBES

Date: 5.4.2023
Client Name: Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name: M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name: Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central
Letter Reference: BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name: Shiprama Consulting Engineers
Technical Reference: IS 516 - 1959 RA 2018
Material description: Cement Concrete
Age of Concrete: 7 Days
Grade of Concrete: M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.03.2023	5.04.2023	8.301	520.8	23.15
2	29.03.2023	5.04.2023	8.310	509.3	22.64
3	29.03.2023	5.04.2023	8.325	501.8	22.30

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ಬೆಂಗಳೂರು-92
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-24



TEST REPORT ON CONCRETE CUBES

Date. : 5.4.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kottigehalli in Ward no 05 and Kaveri Nagara and BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
Letter Reference :
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.03.2023	5.04.2023	8.320	510.3	22.68
2	29.03.2023	5.04.2023	8.290	515.6	22.92
3	29.03.2023	5.04.2023	8.300	500.9	22.26

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ಬೆಂಗಳೂರು-೨೨
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-೨೨



TEST REPORT ON CONCRETE CUBES

Date. : 5.4.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.03.2023	5.04.2023	8.325	502.8	22.35
2	29.03.2023	5.04.2023	8.315	503.6	22.38
3	29.03.2023	5.04.2023	8.310	508.8	22.61

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ಬೆಂಗಳೂರು-92
ವಿ.ವಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-24

**TEST REPORT ON CONCRETE CUBES**

Date. : 5.4.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 7 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.03.2023	5.04.2023	8.295	501.5	22.29
2	29.03.2023	5.04.2023	8.301	522.9	23.24
3	29.03.2023	5.04.2023	8.299	512.4	22.77

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ಜಿ.ಬಿ.ಎಂ.ಸಿ., ಬಂಗಲೂರು-24



TEST REPORT ON CONCRETE CUBES

Date: : 5.4.2023
 Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
 *Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
 Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
 Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
 PMC Name : Shiprama Consulting Engineers
 Technical Reference : IS 516 - 1959 RA 2018
 Material description : Cement Concrete
 Age of Concrete : 7 Days
 Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.03.2023	5.04.2023	8.290	518.5	23.04
2	29.03.2023	5.04.2023	8.309	519.7	23.10
3	29.03.2023	5.04.2023	8.294	509.7	22.65

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 ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಅಭಿಯಂತರರು
 ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
 ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-24

**TEST REPORT ON CONCRETE CUBES**

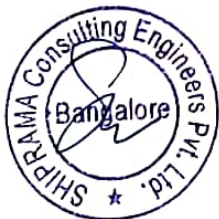
Date: 5.4.2023
Client Name: Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name: M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name: Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central
Letter Reference: BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name: Shiprama Consulting Engineers
Technical Reference: IS 516 - 1959 RA 2018
Material description: Cement Concrete
Age of Concrete: 7 Days
Grade of Concrete: M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.03.2023	5.04.2023	8.300	519.4	23.08
2	29.03.2023	5.04.2023	8.310	525.3	23.35
3	29.03.2023	5.04.2023	8.320	520.5	23.13

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ಬೆಂಗಳೂರು-92
ಬಿ.ಇ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-24

TEST REPORT ON CONCRETE CUBES

Date.	: 15.4.2023
Client Name	: Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name	: M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name	: Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference	BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name	: Shiprama Consulting Engineers
Technical Reference	: IS 516 - 1959 RA 2018
Material description	: Cement Concrete
Age of Concrete	: 28 Days
Grade of Concrete	: M30

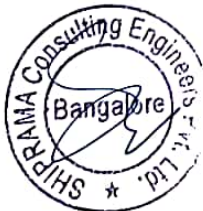
TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.3.2023	15.4.2023	8.285	739.4	32.86
2	18.3.2023	15.4.2023	8.295	750.5	33.36
3	18.3.2023	15.4.2023	8.309	753.1	33.47

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ಪ್ರಾಧಿಕಾರ ಸಚಿವರು ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಒ., ಬೆಂಗಳೂರು-74



TEST REPORT ON CONCRETE CUBES

Date: : 15.4.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no: 06 Bytarayanapura Sub Division.
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 28 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.3.2023	15.4.2023	8.310	729.4	32.42
2	18.3.2023	15.4.2023	8.300	730.5	32.47
3	18.3.2023	15.4.2023	8.315	745.8	33.15

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ಬೆಂಗಳೂರು-92
15.04.2023, ಬೆಂಗಳೂರು-24

**TEST REPORT ON CONCRETE CUBES**

Date. : 15.4.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 28 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.3.2023	15.4.2023	8.286	755.6	33.58
2	18.3.2023	15.4.2023	8.299	749.7	33.32
3	18.3.2023	15.4.2023	8.303	758.1	33.69

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ಶ್ರೀಮತಿ ಶಿವಶಂಕರ್ ಅಭಯನಗರ
ಪ್ರಾ.ಪ್ರ.ರಾ.ಯ.ನ.ಸ.ರ. ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-29



TEST REPORT ON CONCRETE CUBES

Date: 15.4.2023
Client Name: Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name: M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name: Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference: BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name: Shiprama Consulting Engineers
Technical Reference: IS 516 - 1959 RA 2018
Material description: Cement Concrete
Age of Concrete: 28 Days
Grade of Concrete: M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.3.2023	15.4.2023	8.299	739.4	32.86
2	18.3.2023	15.4.2023	8.350	712.8	31.68
3	18.3.2023	15.4.2023	8.348	736.6	32.74

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ಬೆಂಗಳೂರು
ಬಿ.ಬಿ.ಎಂ.ಎ. ರೋಡ್-೨೩



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(MECHANICAL TESTING LABORATORY DIVISION)

ISO 9001:2015 Certified Company

TEST REPORT ON CONCRETE CUBES

Date: 15.4.2023
Client Name: Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name: M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name: Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference: BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name: Shiprama Consulting Engineers
Technical Reference: IS 516 - 1959 RA 2018
Material description: Cement Concrete
Age of Concrete: 28 Days
Grade of Concrete: M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.3.2023	15.4.2023	8.299	756.4	33.62
2	18.3.2023	15.4.2023	8.333	748.6	33.27
3	18.3.2023	15.4.2023	8.349	750.2	33.34

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ಶ್ರೀಮತಿ ಅಭಿನವರಾಜ್
ಶ್ರೀಮತಿ ಅಭಿನವರಾಜ್ ಉಪ ನಿರ್ದೇಶಕಿ

ಶ್ರೀಮತಿ ಅಭಿನವರಾಜ್
ಶ್ರೀಮತಿ ಅಭಿನವರಾಜ್ ಉಪ ನಿರ್ದೇಶಕಿ
ಶ್ರೀಮತಿ ಅಭಿನವರಾಜ್-14

TEST REPORT ON CONCRETE CUBES

Date.	: 15.4.2023
Client Name	: Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name	: M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name	: Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference	: BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name	: Shiprama Consulting Engineers
Technical Reference	: IS 516 - 1959 RA 2018
Material description	: Cement Concrete
Age of Concrete	: 28 Days
Grade of Concrete	: M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.3.2023	15.4.2023	8.300	723.8	32.17
2	18.3.2023	15.4.2023	8.309	739.6	32.87
3	18.3.2023	15.4.2023	8.319	750.8	33.37

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ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅಧೀನದಲ್ಲಿ
ಪ್ರಾಚಾರ್ಯರಾದ ಉಪ ನಿರ್ದೇಶಕರು
ಪಿ.ಬಿ.ಎಂ.ಸಿ., ಮಂಗಳೂರು-೨೬



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(MECHANICAL TESTING LABORATORY DIVISION)

ISO 9001:2015 Certified Company

TEST REPORT ON CONCRETE CUBES

Date: 26.4.2023
Client Name: Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name: M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name: Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference: BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name: Shiprama Consulting Engineers
Technical Reference: IS 516 - 1959 RA 2018
Material description: Cement Concrete
Age of Concrete: 28 Days
Grade of Concrete: M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.03.2023	26.04.2023	8.275	752.4	33.44
2	29.03.2023	26.04.2023	8.315	743.5	33.04
3	29.03.2023	26.04.2023	8.328	755.3	33.57

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ಬೆಂಗಳೂರು-92
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬಂಗಾಳು-24



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(MECHANICAL TESTING LABORATORY DIVISION)

ISO 9001:2015 Certified Company

TEST REPORT ON CONCRETE CUBES

Date: 26.04.2023
Client Name: Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name: M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name: Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference: BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name: Shiprama Consulting Engineers
Technical Reference: IS 516 - 1959 RA 2018
Material description: Cement Concrete
Age of Concrete: 28 Days
Grade of Concrete: M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.03.2023	26.04.2023	8.310	703.8	31.28
2	29.03.2023	26.04.2023	8.333	745.4	33.13
3	29.03.2023	26.04.2023	8.350	752.4	33.44

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ಬೆಂಗಳೂರು-೨೨
೨೬.೦೪.೨೦೨೩, ಬೆಂಗಳೂರು-೨೩



SHIPRAMA CONSULTING ENGINEERS PRIVATE LIMITED

(MECHANICAL TESTING LABORATORY DIVISION)

ISO 9001:2015 Certified Company

TEST REPORT ON CONCRETE CUBES

Date: 26.04.2023
Client Name: Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name: M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name: Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference: BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
PMC Name: Shiprama Consulting Engineers
Technical Reference: IS 516 - 1959 RA 2018
Material description: Cement Concrete
Age of Concrete: 28 Days
Grade of Concrete: M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.03.2023	26.04.2023	8.310	749.5	33.31
2	29.03.2023	26.04.2023	8.320	716.7	31.85
3	29.03.2023	26.04.2023	8.333	720.5	32.02

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ಬೆಂಗಳೂರು-92, ಬೆಂಗಳೂರು-24

**TEST REPORT ON CONCRETE CUBES**

Date. : 26.04.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 28 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.03.2023	26.04.2023	8.286	755.6	33.58
2	29.03.2023	26.04.2023	8.299	749.7	33.32
3	29.03.2023	26.04.2023	8.303	758.1	33.69

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ಪ್ರಯೋಗಾಲಯದ ಉಪ ನಿರ್ದೇಶಕರು
ಇ.ವಿ.ಎಂ.ಇ., ಬೆಂಗಳೂರು-24



TEST REPORT ON CONCRETE CUBES

Date. : 28.04.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 28 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.03.2023	28.04.2023	8.275	752.4	33.44
2	31.03.2023	28.04.2023	8.315	743.5	33.04
3	31.03.2023	28.04.2023	8.328	755.3	33.57

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ಬೆಂಗಳೂರು-560091
ಬಿ.ಬಿ.ಎಂ.ಸಿ., ಬೆಂಗಳೂರು-56

**TEST REPORT ON CONCRETE CUBES**

Date. : 28.04.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
*Contractor Name : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and
Letter Reference : BBMP/EE/BTP/WO/80/2022-23, Dated:22-12-2022
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 28 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.03.2023	28.04.2023	8.300	758.8	33.72
2	31.03.2023	28.04.2023	8.298	740.9	32.93
3	31.03.2023	28.04.2023	8.320	760.3	33.79

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ಬೆಂಗಳೂರು-560091
28.04.2023, ಬೆಂಗಳೂರು-24

**TEST REPORT ON CONCRETE CUBES**

Date. : 28.04.2023
Client Name : Executive Engineer, Bytarayanapura Division, No 2152/20, Defence Colony, Sahakara Nagara, Bangalore-92
***Contractor Name** : M/s Sri A G Narayanaswamy, no 13 Venkateshwara Layout, Horamavu, Bengaluru-560043
Project Name : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and BBMP/EE/BTP/WO/80/2022-23, Dated: 22-12-2022
Letter Reference
PMC Name : Shiprama Consulting Engineers
Technical Reference : IS 516 - 1959 RA 2018
Material description : Cement Concrete
Age of Concrete : 28 Days
Grade of Concrete : M30

TEST RESULTS

Sl.No / Identification	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	31.03.2023	28.04.2023	8.300	750.9	33.37
2	31.03.2023	28.04.2023	8.338	730.5	32.47
3	31.03.2023	28.04.2023	8.345	730.7	32.48

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ಬೆಂಗಳೂರು-೫೬೦೦೪೩
ಪರಿಶೀಲಿಸಿ, ದೃಢೀಕರಿಸಿ-೨೪